

Figure 1

10 ↘

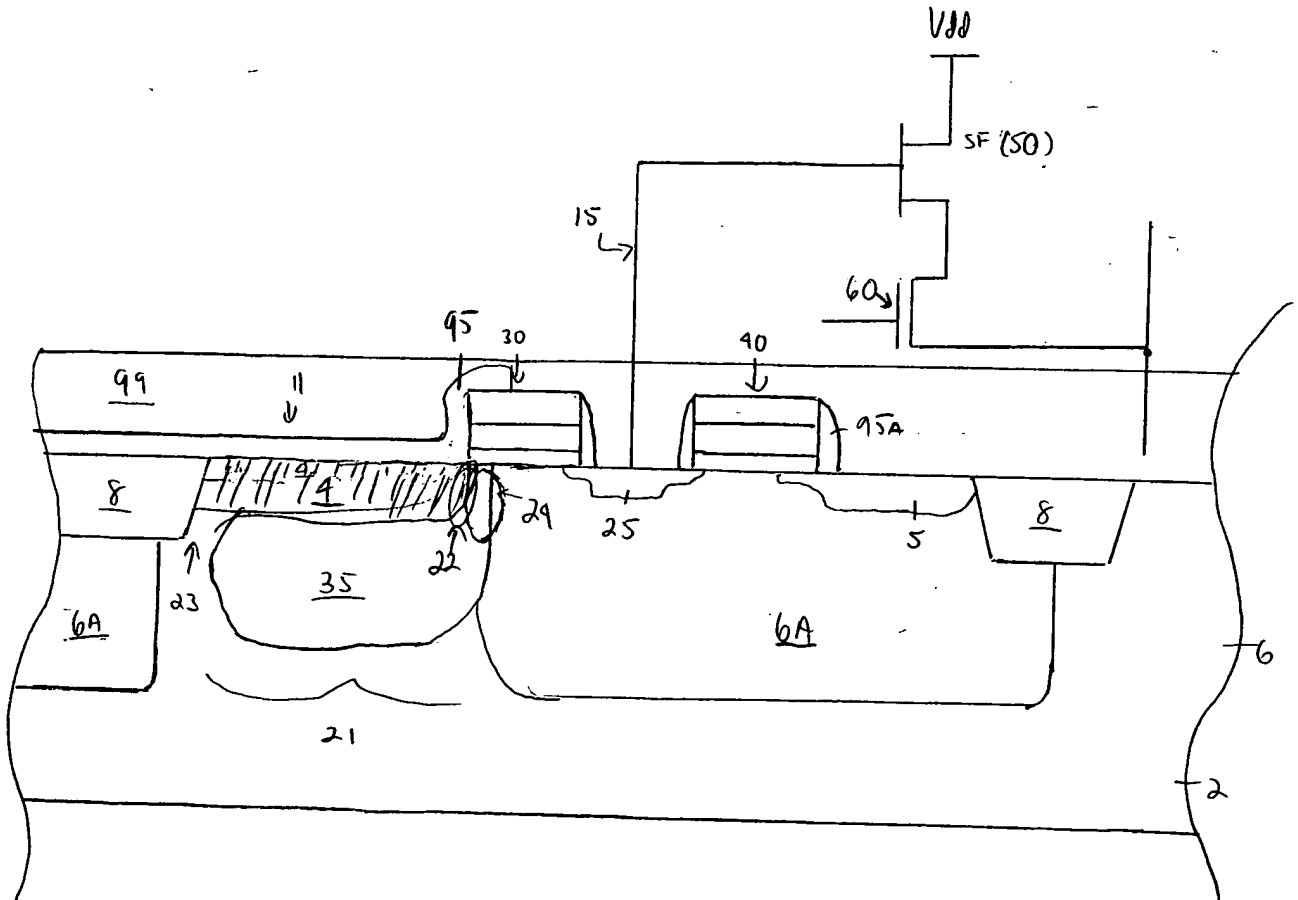


Figure 2 (Prior Art)

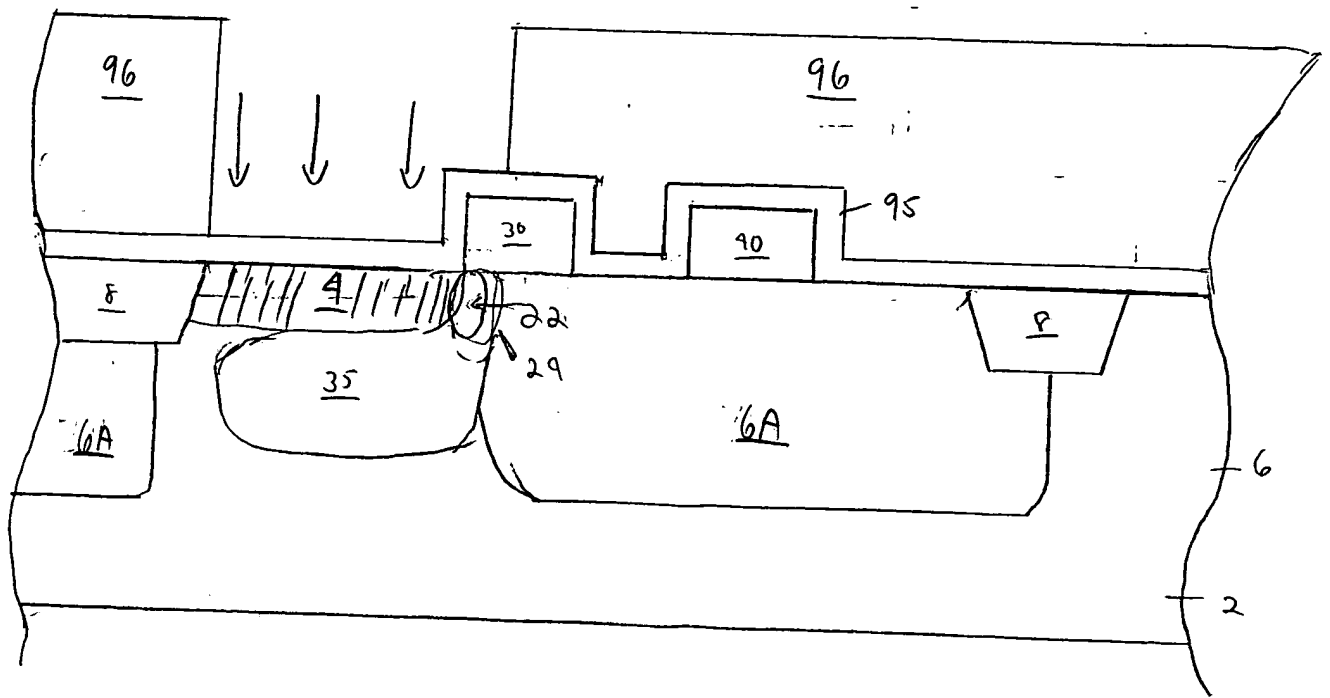


Figure 3 ("Prior Art")

A hand-drawn schematic diagram of a mechanical assembly, likely a turbine or engine component. The diagram shows a cross-section of a housing (106a) with internal components. Key features include:

- Dimensions and Distances:**
 - L_a and L_b are indicated as horizontal distances from a central vertical axis.
 - 111 is a vertical dimension.
 - 130 is a horizontal distance from the central axis to the start of a component.
 - 140 is a horizontal distance from the central axis to the start of another component.
 - 125 is a horizontal distance between two components.
 - 104 and $104a$ are vertical dimensions.
 - $104b$ is a vertical dimension.
- Components and Labels:**
 - 108**: Two rectangular blocks on the left and right sides.
 - 106a**: The main housing or casing.
 - 106b**: A large, irregularly shaped component in the center.
 - 102**: A horizontal line at the bottom, possibly a base or reference line.
 - 135**: A component within the central housing.
 - 133**, **132**, **131**: Stacked components in the center.
 - 139**: A component to the right of the central stack.
 - 143**, **142**, **141**: Stacked components on the right.
 - 144**: A component to the right of the stacked components.
 - 145**: A component on the far left.
 - 146**: A component on the far right.
 - P1**, **P2**, **P3**: Points or locations marked on the diagram.
- Other Labels:**
 - 104**, **104a**, **104b**: Vertical dimensions or labels.
 - 105**: A label near the right side of the housing.
 - 107**: A label near the bottom right corner.

Figure 4

100
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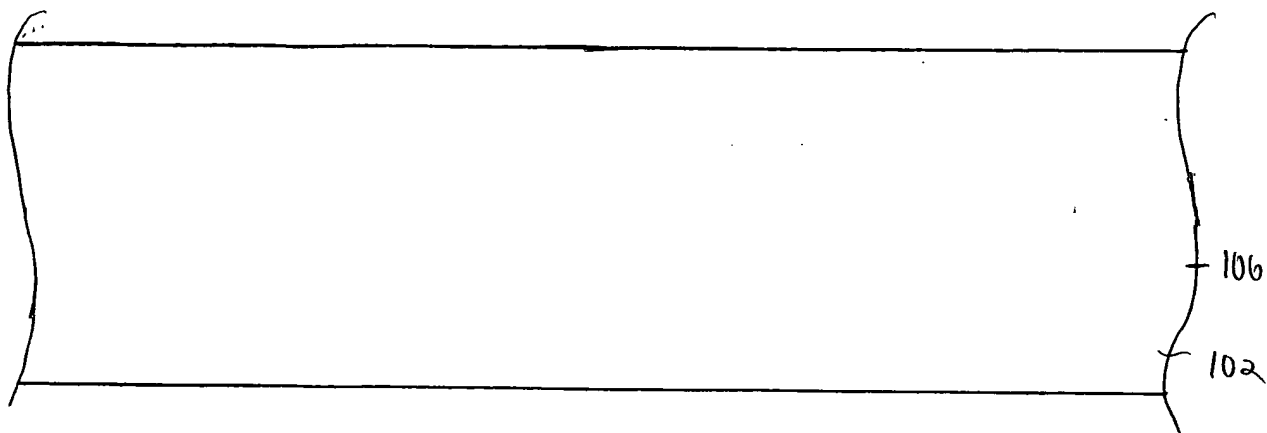


Figure 5A

100
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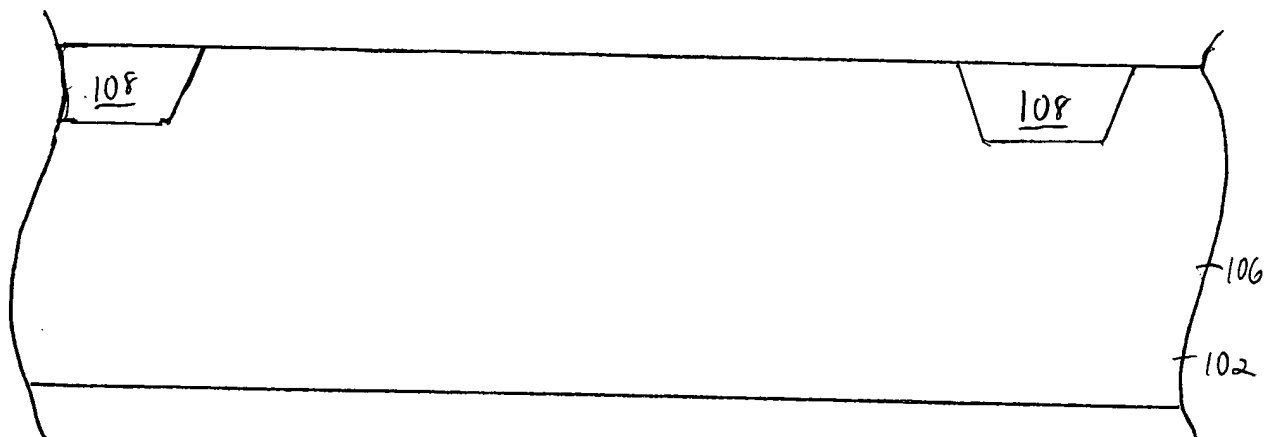


Figure 5B

130

↓

133

132

131

140

↓

143

142

141

108

106w

108

106w

106

102

Figure 5C

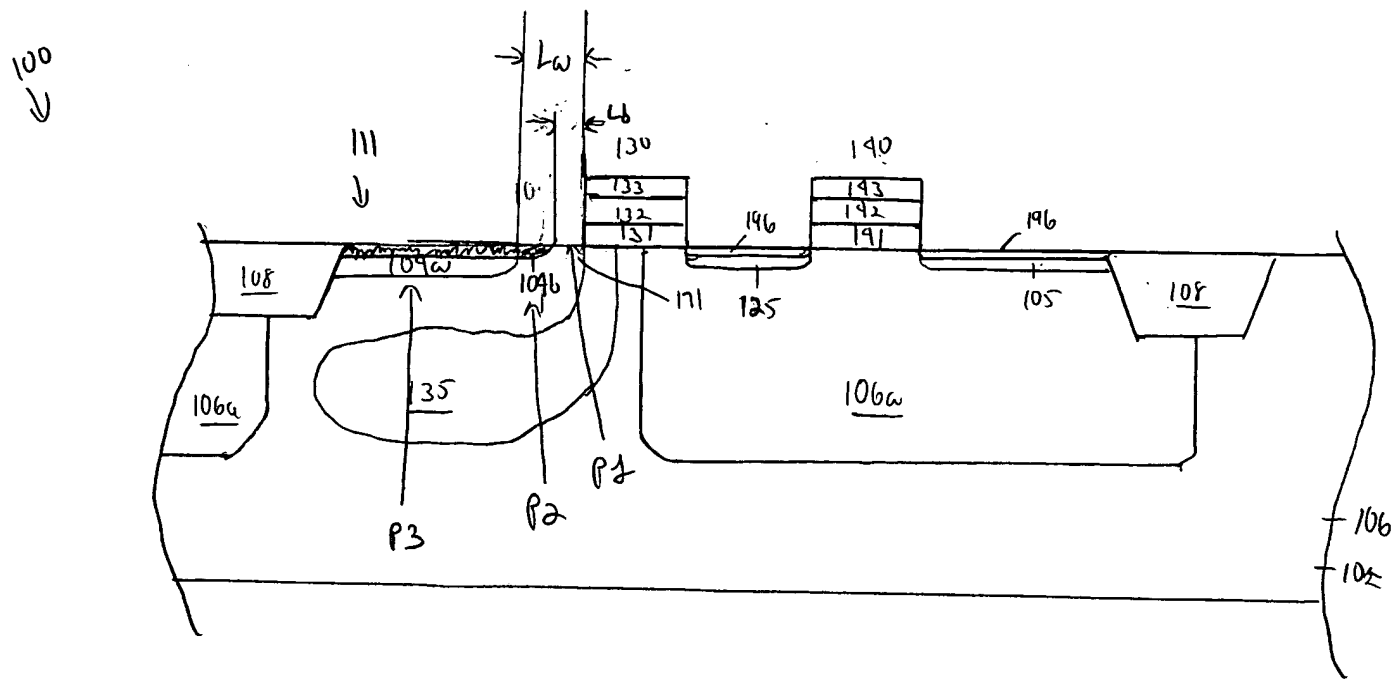


Figure SE

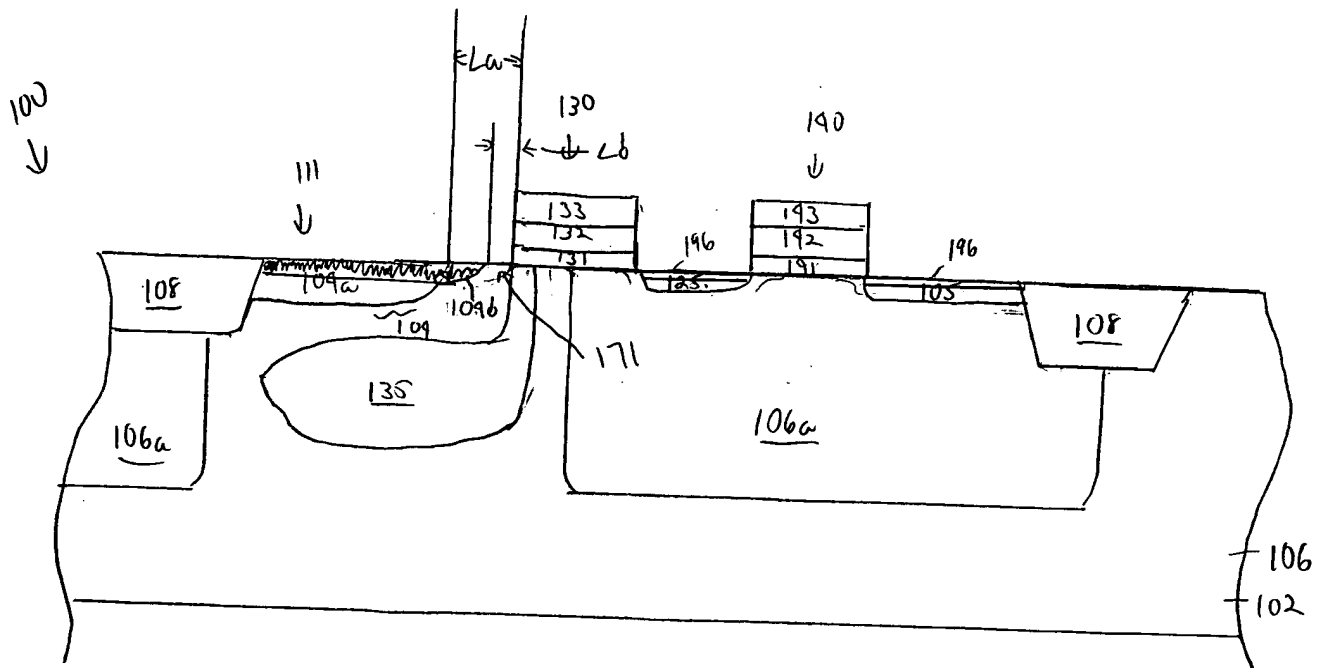


Figure 5F

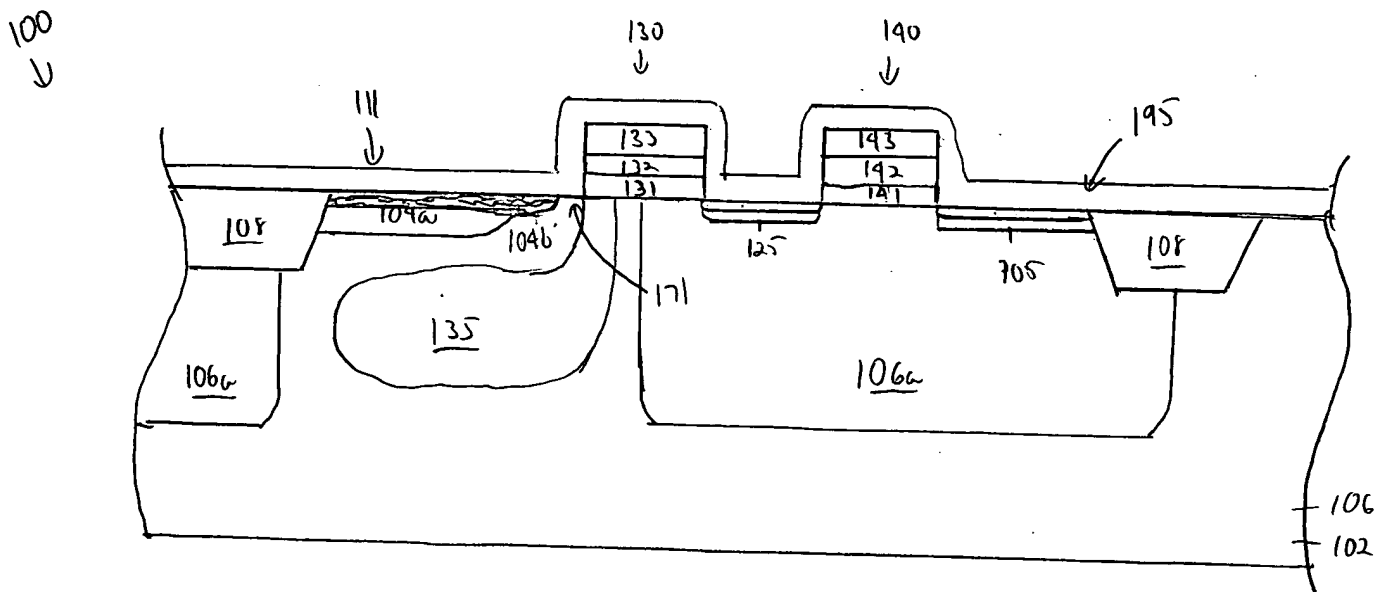


Figure 56

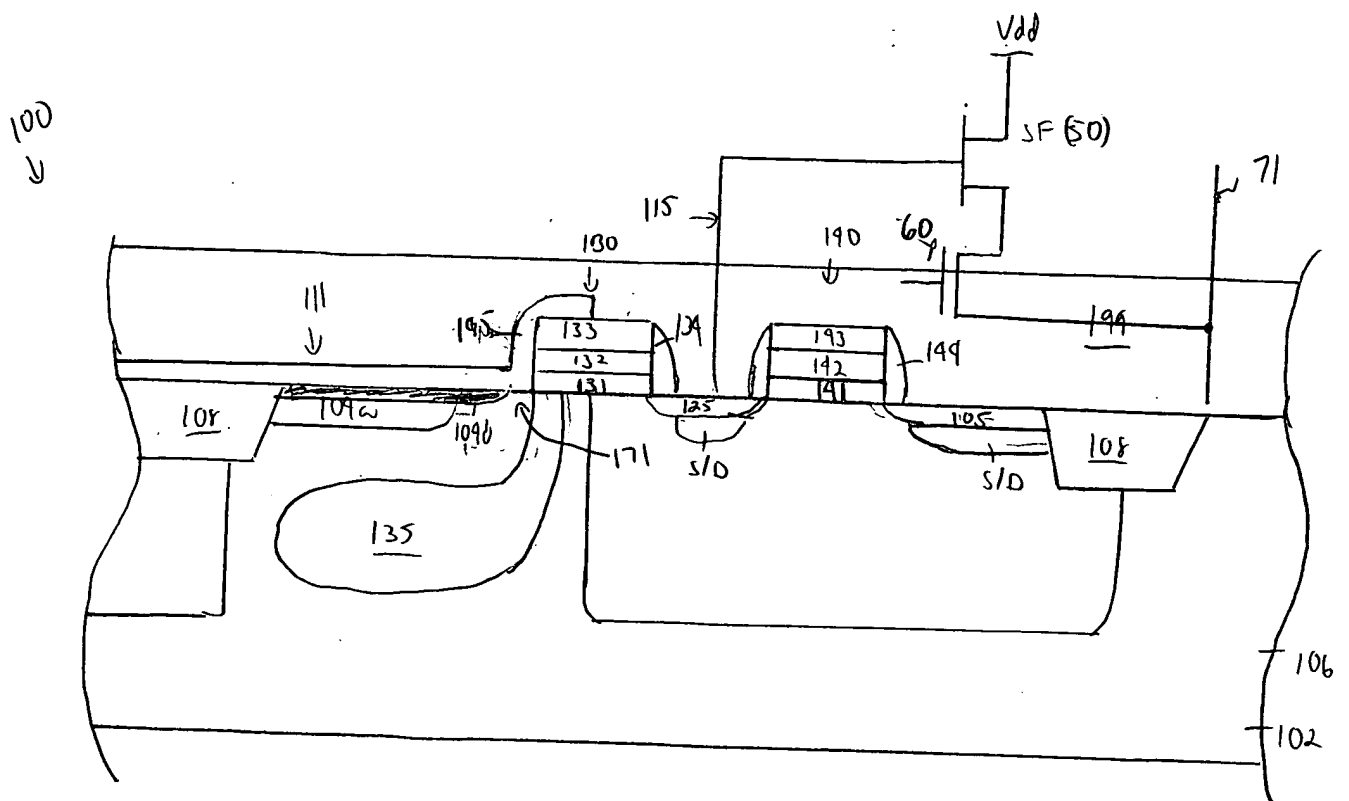


Figure 54

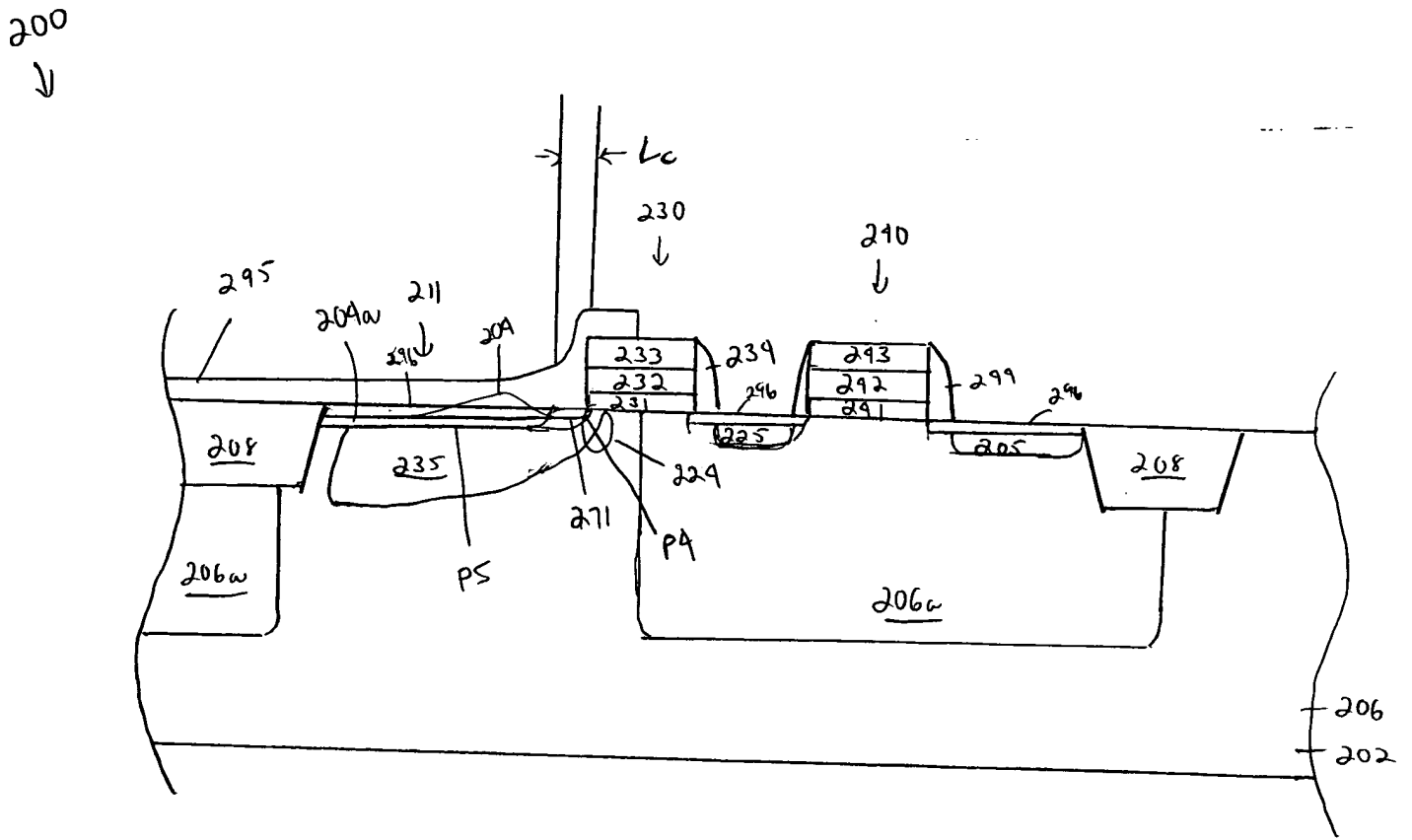


Figure 6

200
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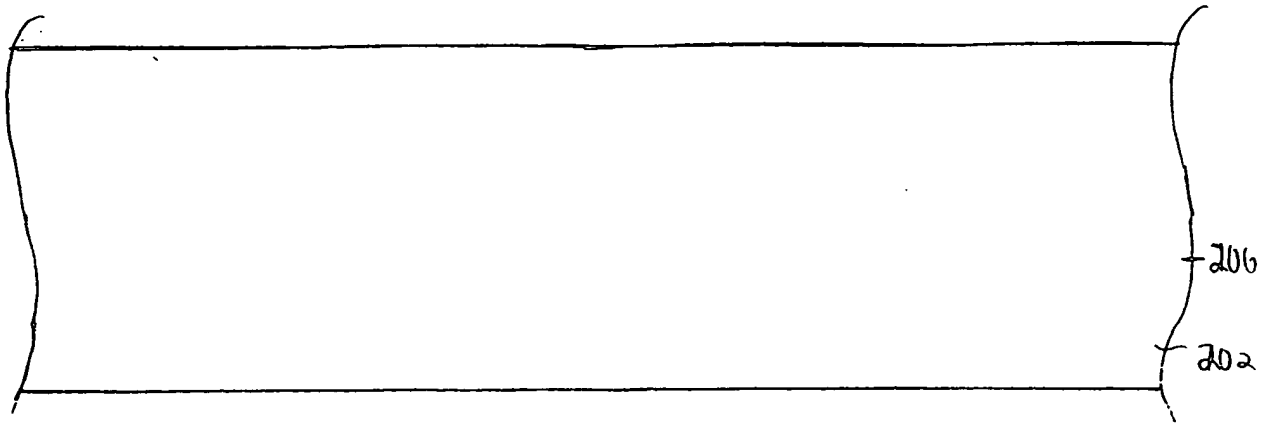


Figure 7A

200
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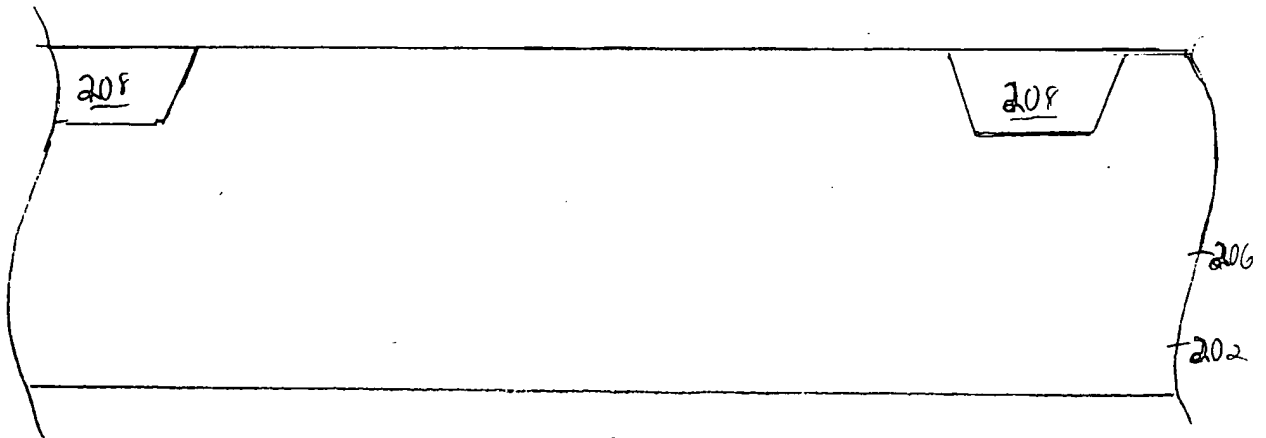


Figure 7B

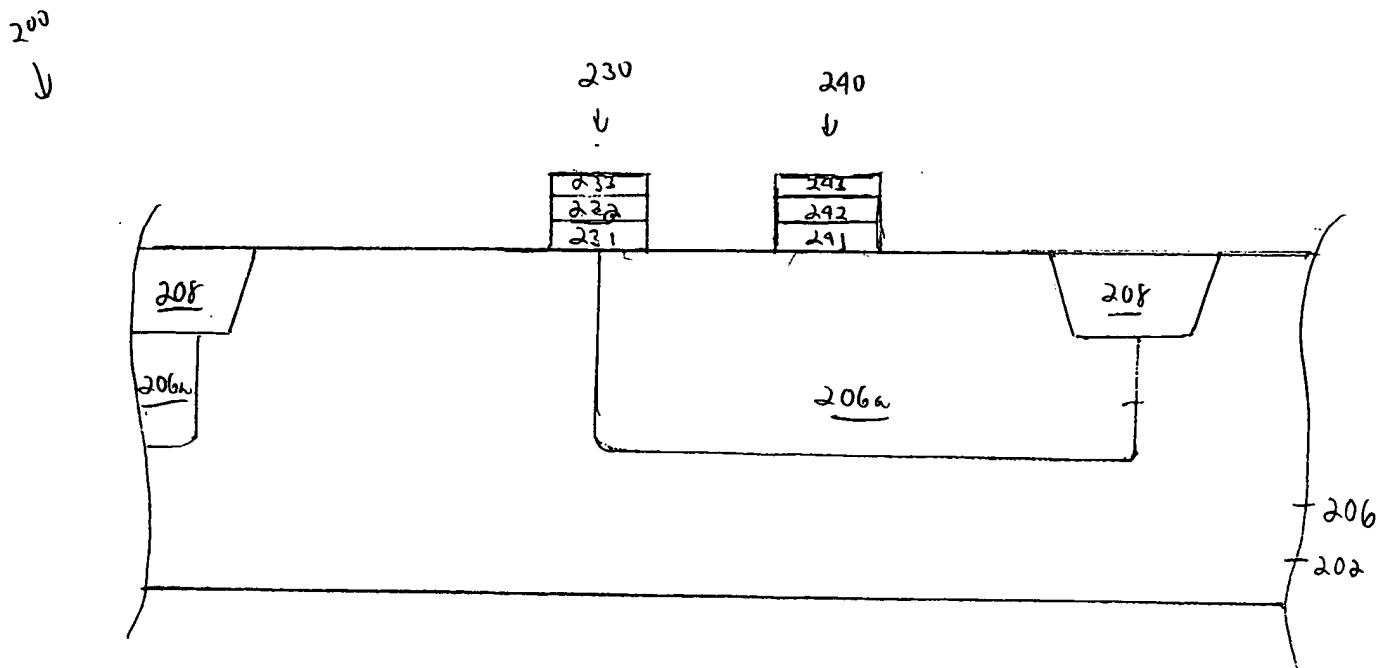


Figure 7C

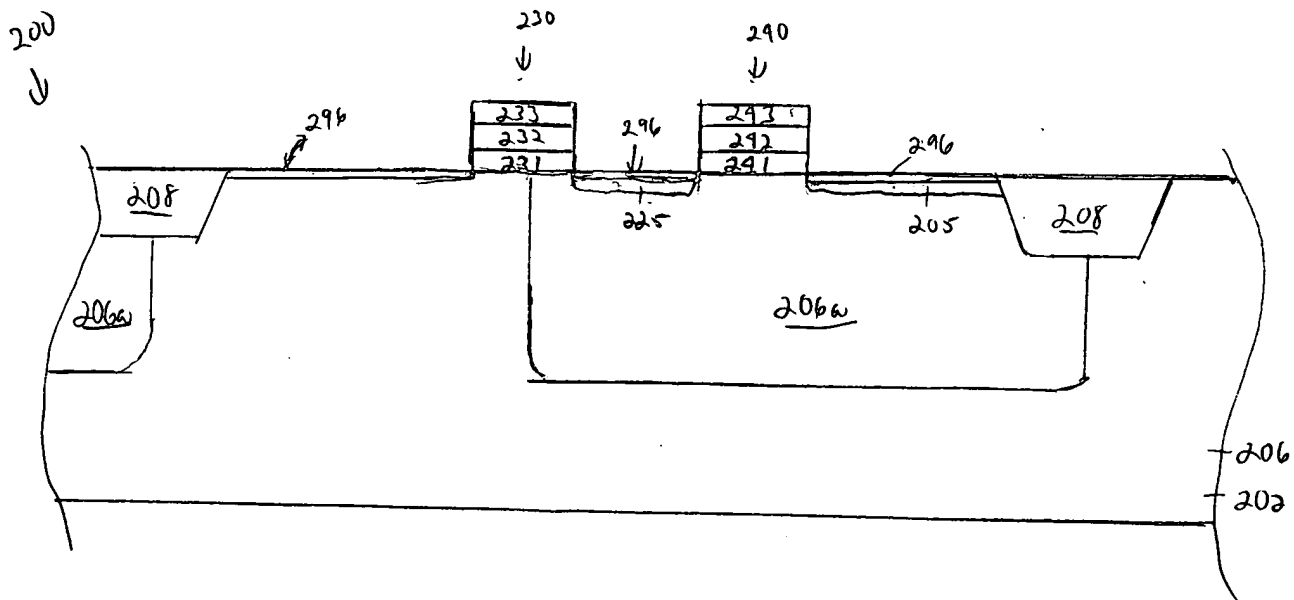


Figure 7D

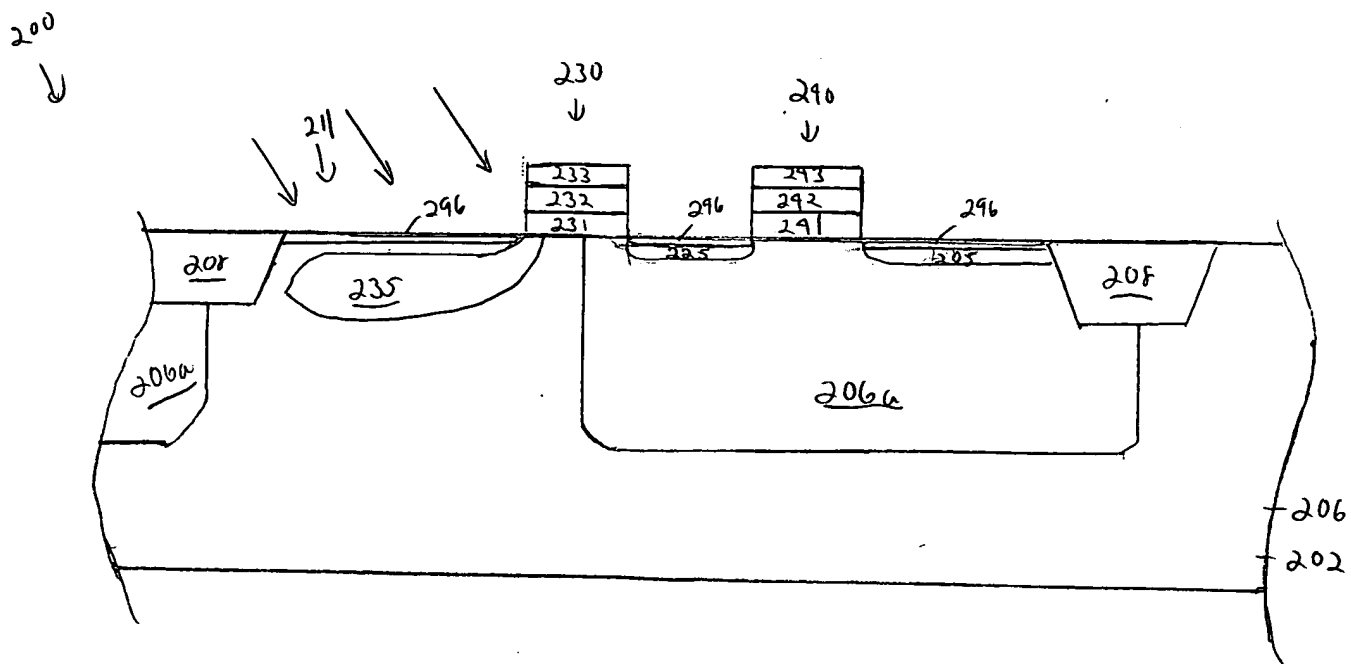


Figure 7E

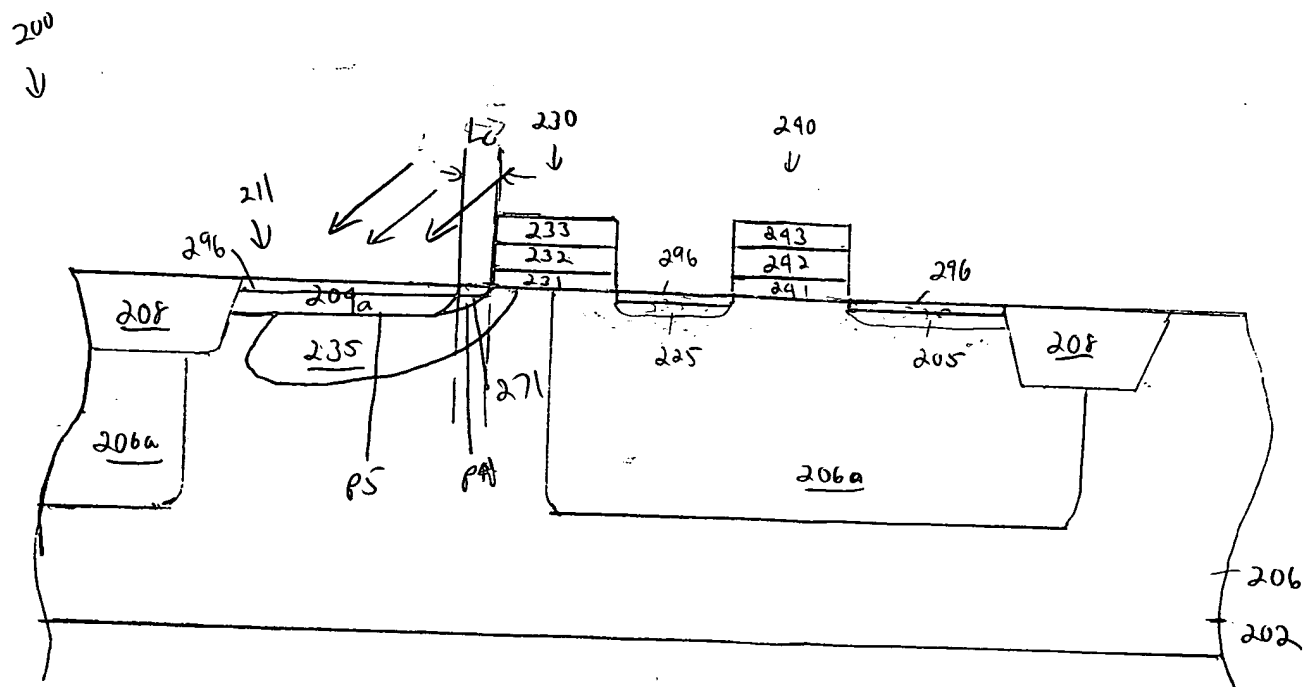


Figure 7F

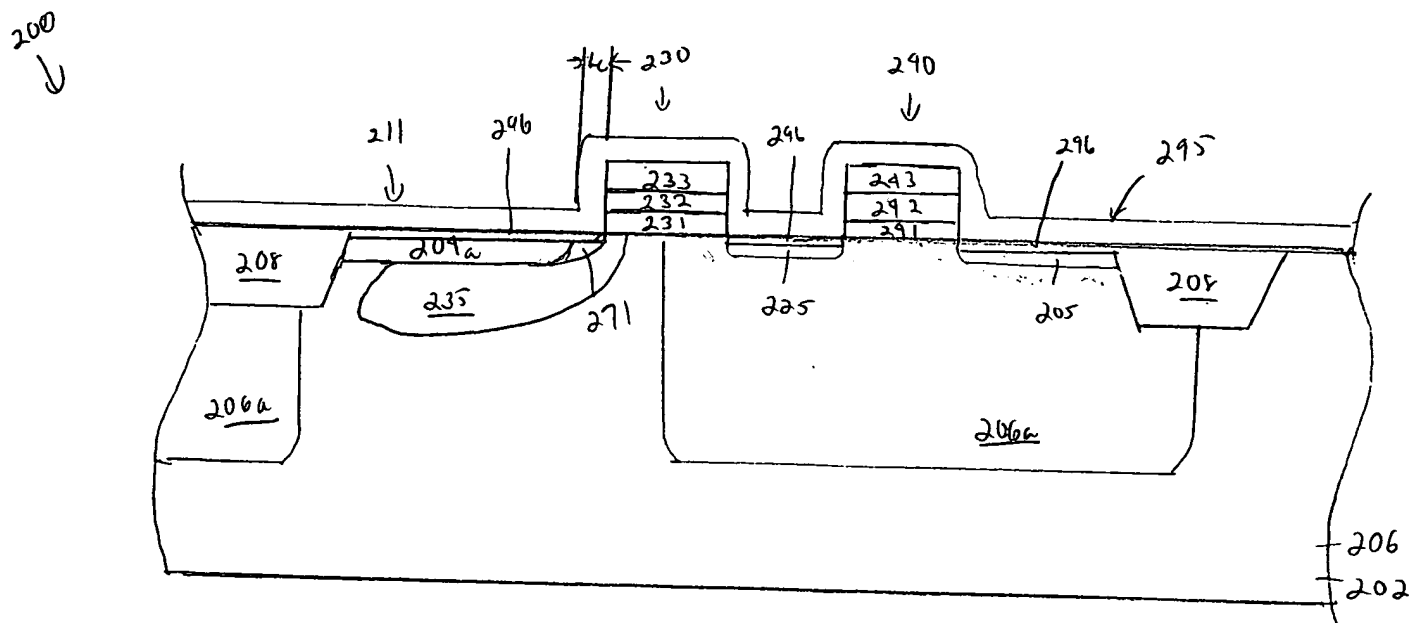


Figure 76

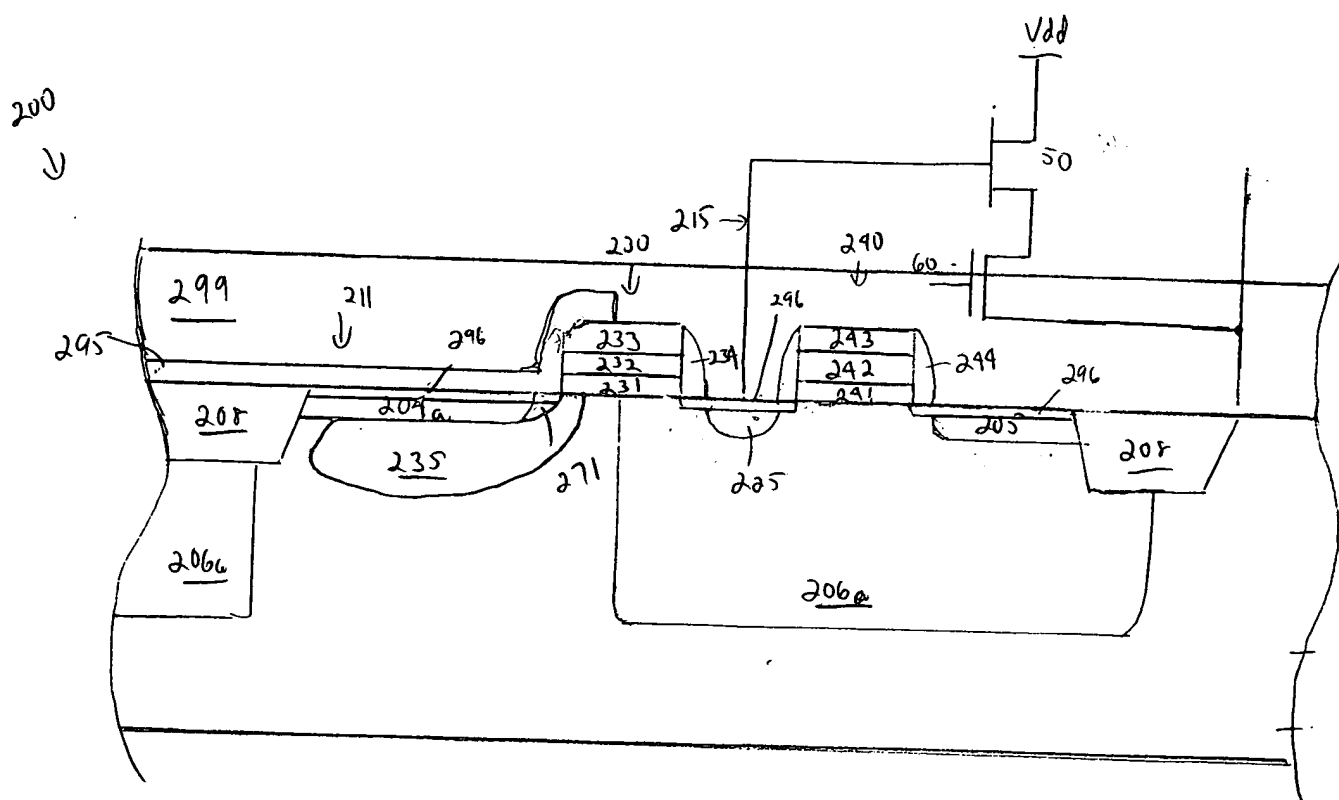


Figure 7H

300
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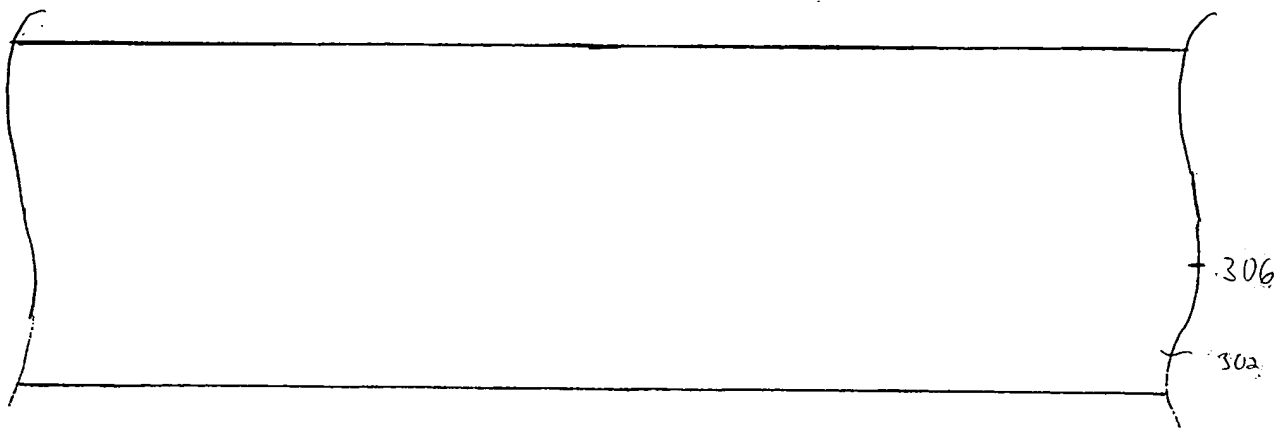


Figure 9A

300
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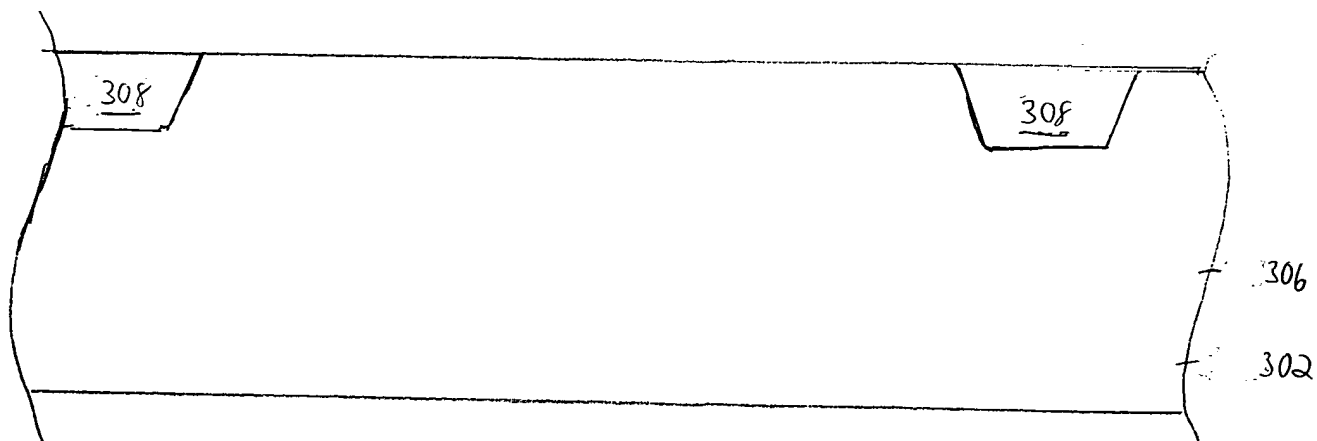


Figure 9B

300
↓

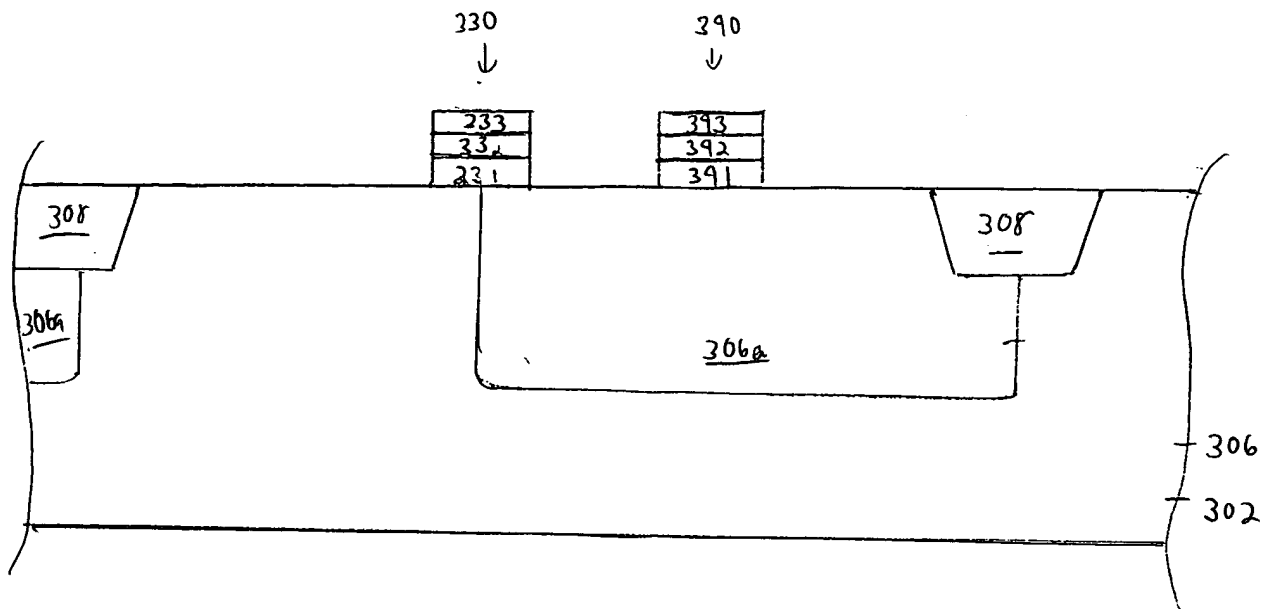


Figure 9C

300
↓

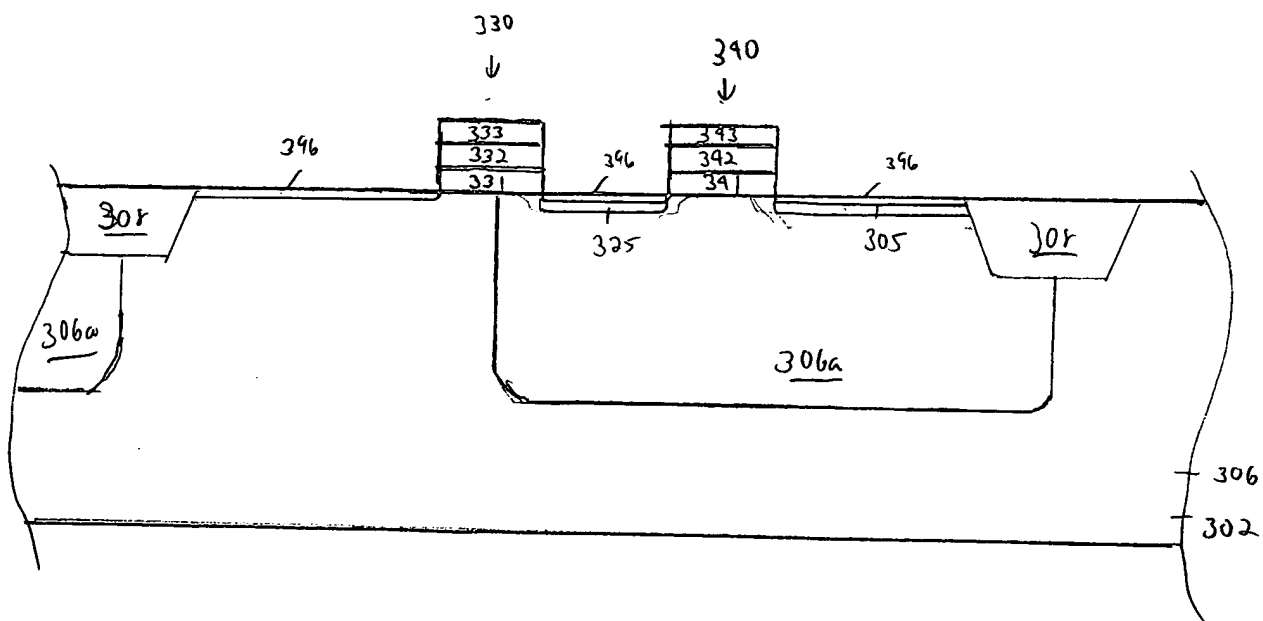


Figure 9D

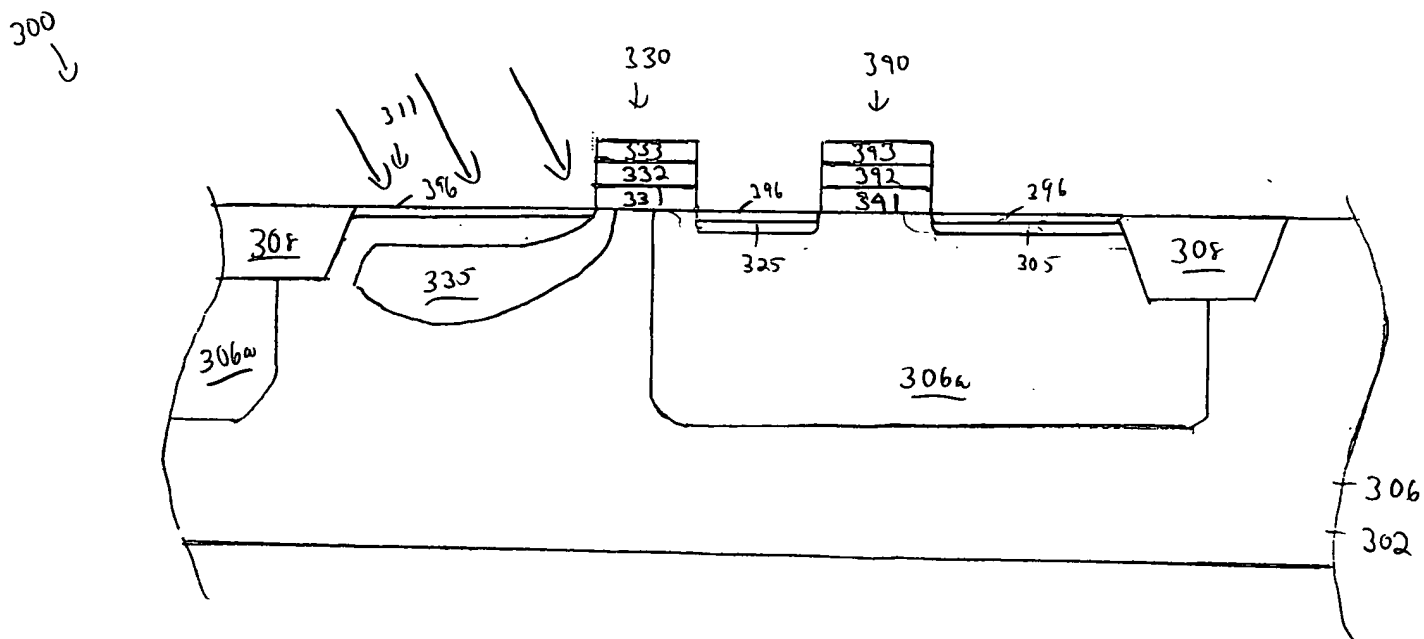


Figure 9E

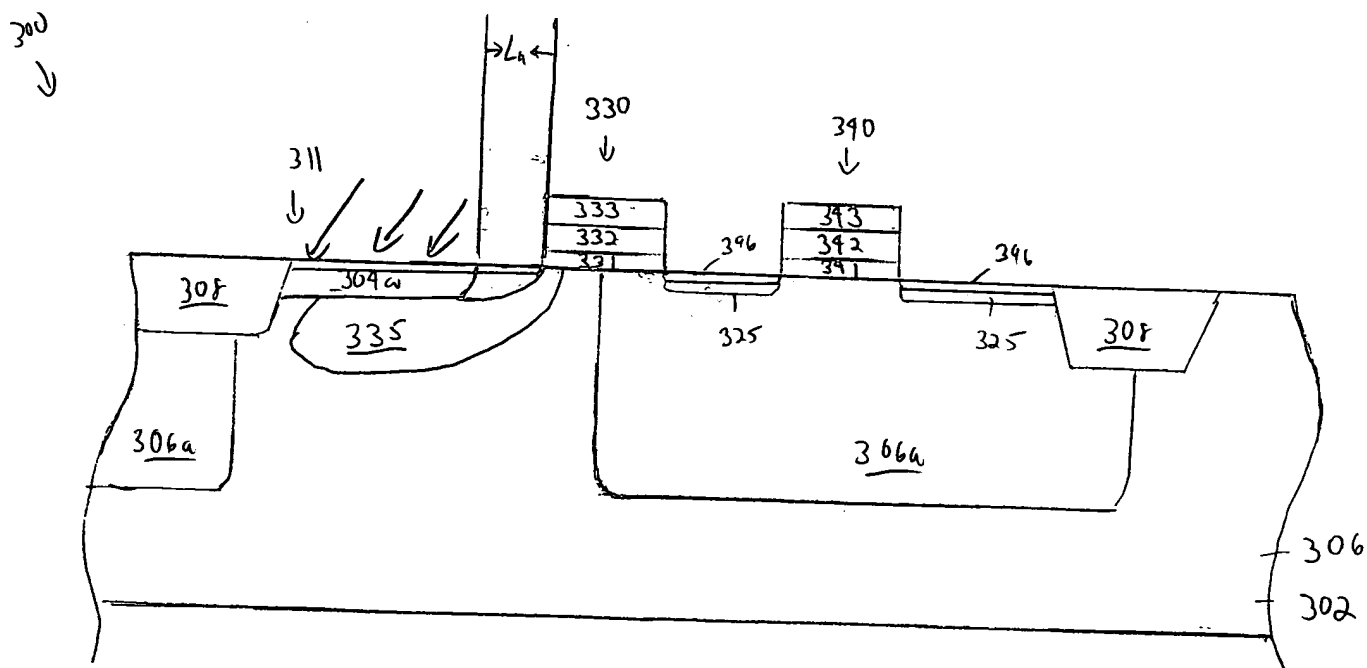


Figure 9F

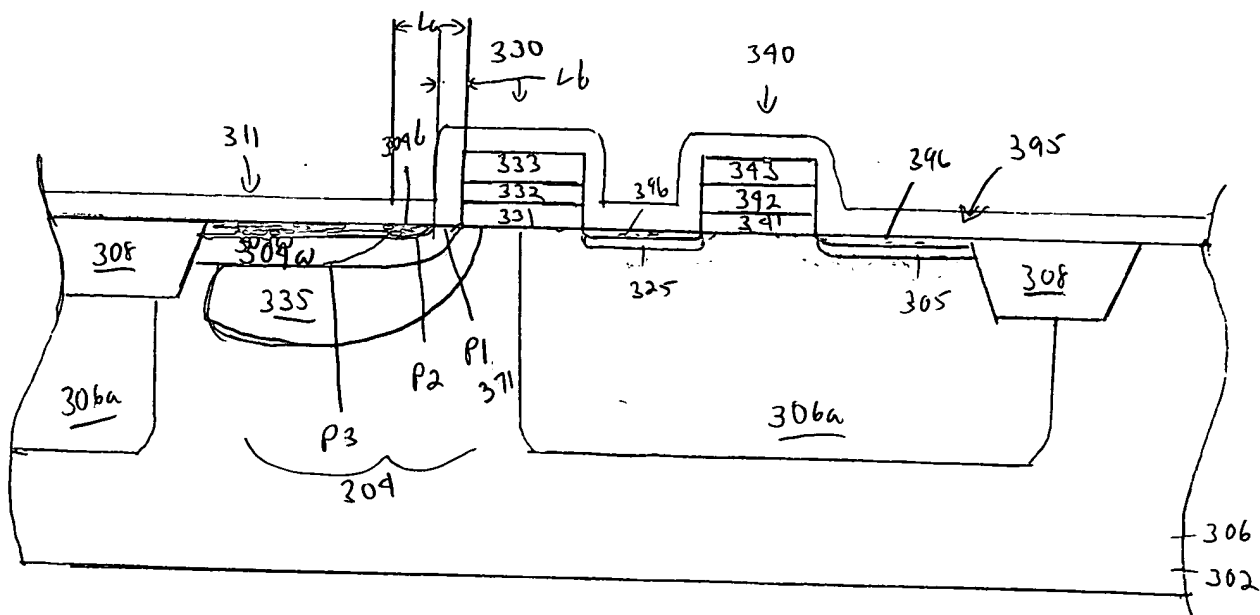


Figure 96

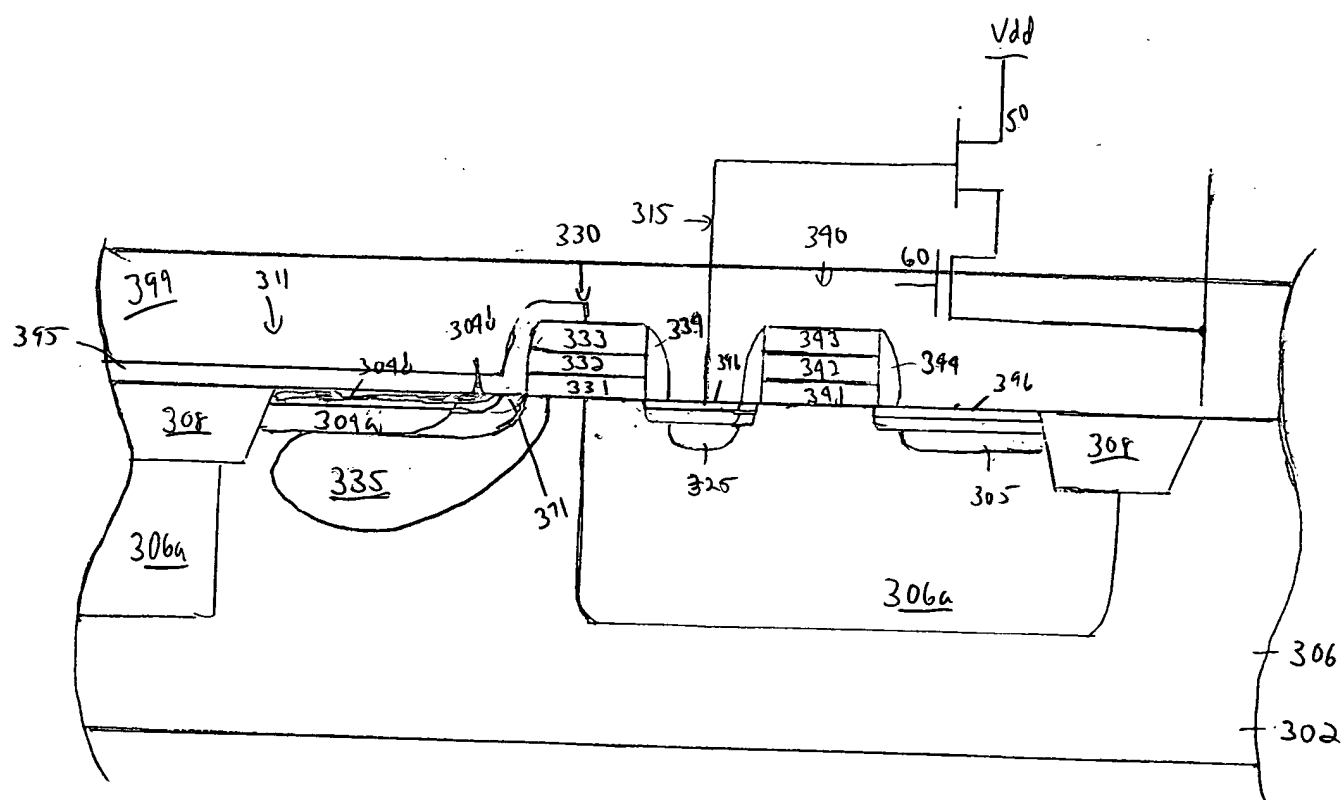


Figure 9H

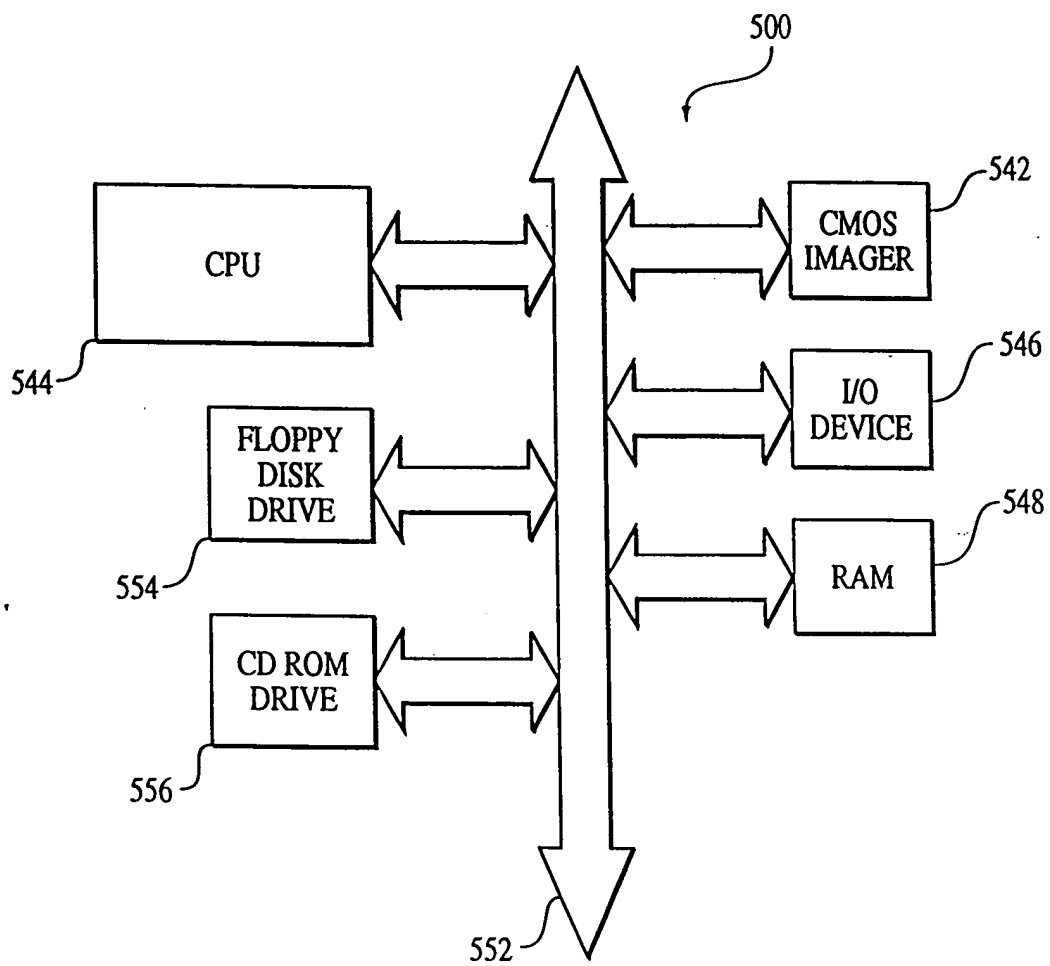


FIG. 10